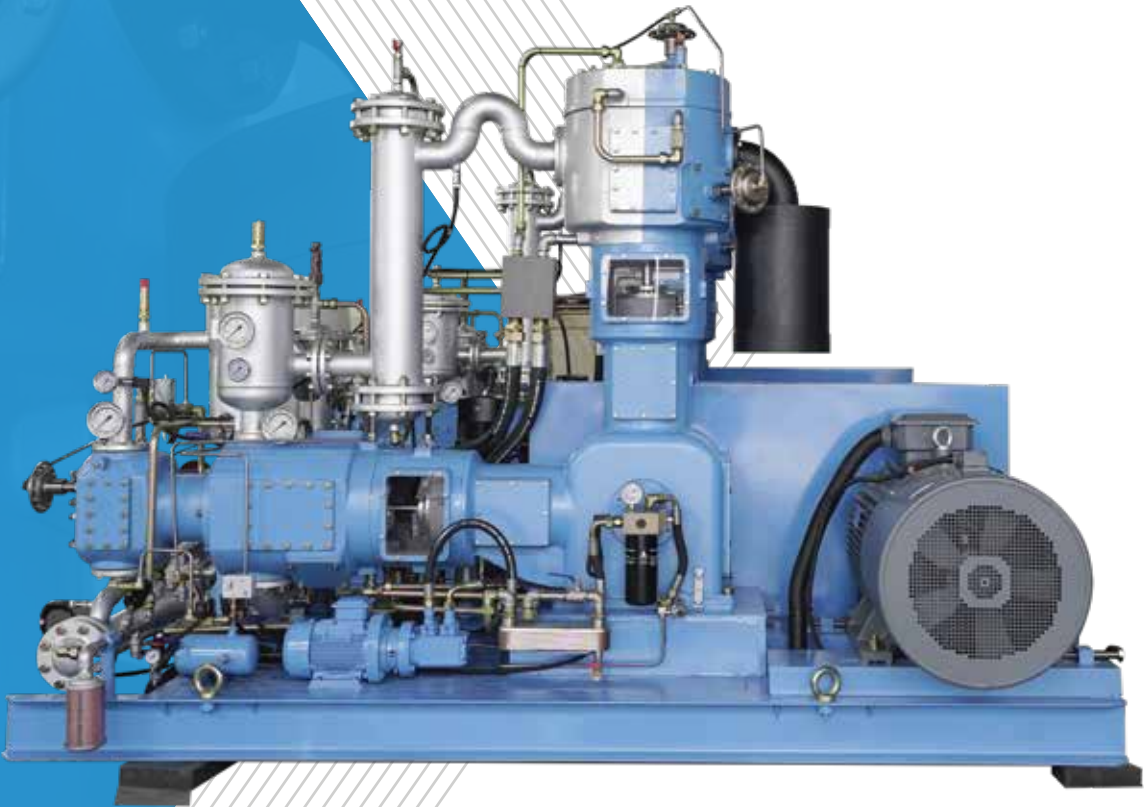


**HIGH PRESSURE
OIL FREE AIR
COMPRESSOR**



B&R VENTURES

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For More Details



Enquiry



24/7 Customer Care

Technical Specifications

Model	Air End	Capacity m³ / min	Working Pressure (mpa)	Speed (r / min)	Motor (kw)	Size (mm)	Weight (kg)
PETALL-6/40DFV	HW08V	6.0	4.0	500	75	4200*1500*2300	2500
PETALL-8/40DFV	HW08V	8.0	4.0	580	90	4200*1500*2300	2800
PETALL-10/40DFV	HW12V	10.0	4.0	500	110	4900*1810*2400	5000
PETALL-12/40DFV	HW12V	12.0	4.0	580	132	4900*1810*2400	5500
PETALL-16/40DFV	HW18V	16.0	4.0	390	160	5450*2200*2780	7400
PETALL-18/40DFV	HW18V	18.0	4.0	420	185	5450*2200*2780	7600
PETALL-20/40DFV	HW20V	20.0	4.0	470	200	5450*2200*2780	7800
PETALL-22/40DFV	HW22V	22.0	4.0	360	220	5750*2250*2980	8000
PETALL-25/40DFV	HW30V	25.0	4.0	270	250	5750*2250*2980	8500
PETALL-28/40DFV	HW30V	28.0	4.0	450	285	5750*2250*2980	8800
PETALL-30/40DFV	HW30V	30.0	4.0	420	315	5750*2250*2980	9000



ADVANTAGES

1 "L" type, Long travel, Simple structure

2 Water cooling, Oil-free, Three stage compression

MACHINE ADVANTAGES

3 Integrated disassembling and assembling design for easy movement and installation.

4 Super silencer keeps lower noise anchor.

5 Dynamic balancing. Stable start and stop.



6 Long service time is ensured by the third stage non-touch piston rings.

7 Siemens frequency-variable motor, Protect class IP55, Efficient and Energy-saving

8 Perfect combination of frequency-variable control and half-load system, Save 15%-50% energy.

9 Internationally branded valves, Piston rings, Electrical components, etc., Guarantee the machine will last for a long time between maintenance.



Professionalism Fuel Perfection



Variable Frequency Controller Device (VFD)

Starts from 0 to low frequency, so the starting current of the large motor is very small, causing no impact on the power grid and resulting in energy savings.

Loading from low frequency to full load is based on actual air consumption, which means no electricity is wasted, and energy is saved.

During unloading, the system drops to low frequency, reducing speed and current, which again leads to energy savings.

In electric control mode, when the no-load time reaches the set value, the inverter enters a 0 frequency working state. At this point, the compressor stops, and there is no energy consumption.

The system supports up to six start/stop cycles per hour.

Perfect Combination of Frequency-Variable Control and Half-Load System

The inverter helps reduce energy consumption during idle (halt) periods, and the half-load function further cuts energy use by half. As a result, the total energy consumption and air discharge can be reduced to just one-fourth of full load operation.

For example, the compressor's discharge at 20 M3/min, It can be adjusted from 5 to 20 M3/min.

Half - Load System

The half-load system can reduce air suction and energy consumption.

The half-load system can optimize the ratio between the loading time and unloading time of air compressor. Reduce the variation range of air compressor temperature and pressure, keep the compressor operating stably.